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*Samuel Neaman Institute:* <https://www.neaman.org.il/EN/Ron-Kenett>  
*Birth date:* October 20<sup>th</sup>, 1950, *Place of birth:* Zurich, Switzerland  
*Languages:* Fluent in Hebrew, French and English, some Italian.

**Interests and expertise:** Statistical Methods and Applications of Statistics, Strategic Planning and Quality Management, Data Mining and Risk Management, Statistical Process Control and Design of Experiments, Software Quality and System Reliability, Biostatistics and Clinical Trials.

- Member of the Executive Academic Council, Wingate Academic College (2013-).
- Member of the Public Advisory Council for Statistics Israel (2011-).
- President of the Israel Statistical Association (2011-2013)
- President of the European Network for Business and industrial Statistics (2005-2006)
- Fellow of the Royal Statistical Society
- Elected member of the International Statistical Institute
- Founding member of the Association for Compositional Analysis

#### Positions in academia:

- o [Senior Research Fellow](#), Neaman Institute for National Policy Research, Technion, Israel (2017-)
- o Visiting Professor, Institute for Drug Research, Hebrew University, Jerusalem, Israel (2013-)
- o Visiting Professor, Faculty of Economics, University of Ljubljana, Ljubljana, Slovenia (2009-)
- o Research Professor, Economics, Statistics and Mathematics, University of Turin, Italy (2002-2018)
- o International Professor, Centre for Finance and Risk Engineering, NYU, New York, USA (2008-15)
- o Visiting Professor, Statistique et Informatique Décisionnelle, Univ. Paris Descartes, France (2013-14)
- o Adjunct Full Professor, Bar Ilan University, Tel Aviv, Israel (2006-2009)
- o Adjunct Full Professor, The Weizmann Institute of Science, Rehovot, Israel (2000-2001)
- o Adjunct Full Professor, Tel-Aviv University (1993-2000)
- o Full Professor, State University of New York, School of Management, Binghamton, NY (1989-93)
- o Assoc Professor, State University of New York, School of Management, Binghamton, NY (1987-89)
- o Adjunct Associate Professor, Tel-Aviv University (1982-1990)
- o Adjunct Associate Professor, The Technion, Faculty of Industrial Engineering (1986)
- o Adjunct Assistant Professor, Rutgers University, Department of Statistics (1981)
- o Lecturer, University of Wisconsin-Madison, Department of Statistics (1978-1980)
- o Visiting Scholar, Stanford University, Department of Mathematics (1975)

#### Positions in business and industry:

- o Founder, Chairman, *the KPA Group*, [www.kpa-group.com](http://www.kpa-group.com) (1990-present).
- o Founder, *Babylon Ltd.*, [www.babylon.com](http://www.babylon.com) (1997).
- o Member of the Advisory Board, Innoaging, [www.innoaging.com](http://www.innoaging.com) (2018-present).
- o Member of the Advisory Board, Clickspree, [www.clickspree.com](http://www.clickspree.com) (2016-present).
- o Member of the Advisory Board, Nutrisher, [www.nutrisher.com](http://www.nutrisher.com) (2016-present).
- o Member of the Board, Inatas Ltd., (2012-2014).
- o Member of the Board, DPharm Ltd., (2010-2012).
- o Member of the Board, Optimata Ltd., (2009-2015).
- o Member of the Scientific Board. 2i3T, Biotechnology Park, UNITO, (2008-2013).
- o Member of the Board, Ergolight Ltd., (1999-2003).
- o Member of the Board, Israel Business Generator Ltd. (1996-2002).
- o Director of Statistical Methods, Tadiran Telecommunications Group (1981-1990).
- o Member of Technical Staff, Bell Laboratories, New Jersey (1980-1981).

#### Education:

1978 - Ph.D. in Mathematics. Weizmann Institute of Science, Rehovot, Israel  
 Thesis supervisor: Professor Sam Karlin, Department of Mathematics Stanford University, USA.  
 1974 - B.Sc. in Mathematics with a major in Statistics. Imperial College of Science and Technology, London University (First Class Honors), UK.  
 1968 - French Baccalauréat (Mathématiques) Mention Bien, Lycée Chateaubriand, Rome, Italy.

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**Refereed Publications****Statistical Methods / Data Analytics / Applied Statistics:**

1. "A Test for Detecting Outlying Cells in the Multinomial Distribution and Two-Way Contingency Tables" (with C. Fuchs), *Journal of the American Statistical Association*, Vol. 75, pp. 395-398, 1980.
2. "Comments Sampling and Bayes' Inference in Scientific Modeling and Robustness by G. Box", *Journal of the Royal Statistical Society*, Series A, Vol. 143, No. 4, pp. 421-422, 1980.
3. "On Sequential Detection of a Shift in the Probability of a Rare Event" (with M. Pollak), *Journal of the American Statistical Association*, Vol. 78, pp. 389-395, 1983.
4. "On an Exploratory Analysis of Contingency Tables" *Journal of the Royal Statistical Society*, Series D, Vol. 32, pp. 395-403, 1983.
5. "A Semi-Parametric Approach to Testing for Reliability Growth with an Application to Software Systems" (with M. Pollak), *IEEE Transactions on Reliability*, Vol. R-35, No. 3, pp. 304-311, 1986.
6. "Multivariate Tolerance Regions and F-tests" (with C. Fuchs), *Journal of Quality Technology*, Vol. 19, pp. 122-131, 1987.
7. "Some Experiences Teaching Factorial Designs in Introductory Statistics Courses" (with D. Steinberg), *Journal of Applied Statistics*, Vol. 14, pp. 219-228, 1987.
8. "A Process Management Approach to Software Quality Assurance" (with S. Koenig), *Quality Progress*, pp. 66-70, November 1988.
9. "Appraisal of Ceramic Substrates by Multivariate Tolerance Regions" (with C. Fuchs), *Journal of the Royal Statistical Society*, Series D, Vol. 37, pp. 401-411, 1988.
10. "Improve Performance by Appraisal" (with D. Waldman), *Human Resources Magazine*, pp. 66-69, July 1990.
11. "Two Methods for Comparing Pareto Charts", *Journal of Quality Technology*, Vol. 23, pp. 27-31, 1991.
12. "Going Beyond Main-Effect Plots" (with B. Vogel), *Quality Progress*, pp. 71-73, February 1991.
13. "Making Sense Out of Two Pareto Charts", *Quality Progress*, pp. 71-74, May 1994.
14. "Process Tracking of Time Series with Change Points", (with S. Zacks), Vilaplana, J. Pérez (ed.) et al., *Recent advances in statistics and probability*. Proceedings of the 4th international meeting of statistics in the Basque Country, San Sebastián, Spain, 4-7 August, 1992. Utrecht: VSP, pp. 155-171, 1994.
15. "Process Performance Appraisal Systems: A Working Substitute to Individual Performance Appraisal " (with D. Waldman and S. Graves), *Total Quality Management*, Vol. 5, No. 5, pp. 267- 280, 1994.
16. "Assessing Software Development and Inspection Errors", *Quality Progress*, pp. 109-112, October 1994, with correction in issue of February 1995.
17. "The Impact of Defects on a Process with Rework" (with S. Agnihotri), *European Journal of Operations Research*, Vol. 80, pp. 308-327, 1995.

18. "Data-Analytic Aspects of the Shirayev-Roberts Control Chart: Surveillance of a Non-homogeneous Poisson Process" (with M. Pollak), *Journal of Applied Statistics*, Vol. 1, No. 23, pp. 125- 137, 1996.
19. "The Global Village of Quality" (with S. Graves), *Quality Progress*, pp. 93, June 1998.
20. "The International Quality Manager" (with D. Albert), *Quality Progress*, pp. 45-51, July 2001.
21. "Statistical Efficiency: The Practical Perspective" (with S. Coleman and D. Stewardson), *Quality and Reliability Engineering International*, Vol. 19, No. 4, pp. 265-272, July-August 2003.
22. "A proposal for managing and engineering knowledge of stochastics in the quality movement" (with M. Ramalhoto and J. Shade), *Safety and Reliability*, ESREL2003, T. Bedford and P. van Gelder editors, Balkema publishers, July 2003.
23. "Applying Case Based Reasoning Approach in analyzing Organizational Change Management Data" (with O. Raphaeli and J. Zahavi), In: P. Perner (Ed.), *Advances in Data Mining: Applications in Image Mining, Medicine and Biotechnology, Management and Environmental Control, and Telecommunications, 4th Industrial Conference on Data Mining, ICDM 2004*, Leipzig, Germany, July 4 -7, 2004. Lecture Notes in Computer Science, Springer Verlag, Vol. 3275, 2004.
24. "Improving enterprise system support - a case-based approach" (with P. Wognum, J. Krabbendam, H. Buhl and X. Ma), *Advanced Engineering Informatics*, Vol. 18, No. 4, pp. 241-253, October 2004.
25. "Robust design using computer experiments" (with D. Steinberg, R. Bates and H. Wynn), *Progress in Industrial Mathematic at, ECMI 2004, The European Consortium for mathematics in Industry*, A. Di Bucchianico, R. Mattheij and M. Peletier editors, Mathematics in Industry 8, Springer Verlag, pp. 564-568, 2005.
26. "Achieving Robust Design from Computer Simulations" (with D. Steinberg, R. Bates and H. Wynn), *Quality Technology and Quantitative Management*, Vol. 3, No. 2, pp. 161-177, 2006.
27. "The use of simulation to improve the effectiveness of training in performance management" (with D. Rachman-Moore), *J. of Management Education*, 30, No. 3, pp. 455-476, June 2006.
28. "Aspects of statistical consulting not taught by academia" (with P. Thyregod), *Statistica Neerlandica*, special issue on Industrial Statistics, Vol. 60, No. 3, pp. 396-412, August 2006.
29. "New Frontiers in the Design of Experiments" (with D. Steinberg), *Quality Progress*, pp. 61-65, August 2006.
30. "Bootstrap analysis of designed experiments" (with E. Rahav and D. Steinberg), *Quality and Reliability Engineering International*, Vol. 22, pp. 659-667, 2006.
31. "Joseph M. Juran, a perspective on past contributions and future impact" (with B. Godfrey), *Quality and Reliability Engineering International*, Vol. 23, pp. 653-663, 2007.
32. "Multivariate Methods in Enterprise System Implementation, Risk Management and Change Management" (with O. Raphaeli), *International Journal of Risk Assessment and Management*, Vol. 9, No. 3, pp. 258-276, 2008.
33. "Relative Linkage Disequilibrium: A new measure for association rules" (with S. Salini). In: P. Perner (Ed.), *Advances in Data Mining: Medial Applications, E-Commerce, Marketing, and Theoretical Aspects, ICDM 2008*, Leipzig, Germany, July, 2008. Lecture Notes in Computer Science, Springer Verlag, Vol. 5077, 2008.

34. "Quality by Design Applications in Biosimilar Technological Products" (with D. Kenett), *ACQUAL, Accreditation and Quality Assurance*, Springer Verlag, Vol. 13, No 12, pp. 681-690, 2008.
35. "Relative Linkage Disequilibrium Applications to Aircraft Accidents and Operational Risks" (with S. Salini). *Trans. on Machine Learning and Data Mining*, Vol.1, No 2, pp. 83-96, 2008.
36. "From Data to Information to Knowledge", *Six Sigma Forum Magazine*, pp. 32-33, Nov 2008.
37. "New Frontiers: Bayesian networks give insight into survey-data analysis" (with S. Salini), *Quality Progress*, Vol. 42, No. 8, pp. 31-36, 2009.
38. "Controlling the Usability of Web Services" (with A. Harel and F. Ruggeri), *International Journal of Software Engineering and Knowledge Engineering*, World Scientific Publishing Company, Vol. 19, No. 5, pp. 627-651, 2009.
39. "Bayesian Networks of Customer Satisfaction Survey Data" (with S. Salini), *Journal of Applied Statistics*, Vol. 36, No. 11, pp. 1177-1189, 2009.
40. "Discussion of *Post-Financial Meltdown: What Do the Services Industries Need From Us Now?* by Roger Hoerl and Ron Snee", *Applied Stochastic Models in Business and Industry*, Vol. 25, pp. 527-531, 2009.
41. "Quality by Design Applications to Analytical Methods in the Pharmaceutical Industry" (with D. Kenett), *Advanced Mathematical and Computational Tools in Metrology and Testing VIII, Series on Advances in Mathematics for Applied Sciences*, Vol. 78, World Scientific Publishing Company, pp. 183-194, 2009.
42. "By Design", *Six Sigma Forum Magazine*, pp. 27-29, November 2009.
43. "Quality, Risk and the Taleb Quadrants" (with C. Tapiero), <http://ssrn.com/abstract=1433490>, *Risk and Decision Analysis*, Vol. 1, No. 4, pp. 231-246, 2010.
44. "Introduction to the Special Issue on Non Standard Analysis of Customer Satisfaction Survey Data", *Quality Technology and Quantitative Management*, Vol. 7, No.1, p. i, 2010. [http://www.cc.nctu.edu.tw/~qtqm/qtqmpapers/2010V7N1/2010V7N1\\_Intro.pdf](http://www.cc.nctu.edu.tw/~qtqm/qtqmpapers/2010V7N1/2010V7N1_Intro.pdf)
45. "Optimal Scaling for Risk Assessment: Merging of Operational and Financial Data" (with S. Figini and S. Salini). *Quality and Reliability Engineering International*, Vol. 26, No. 8, pp. 887-897, 2010. <http://services.bepress.com/unimi/statistics/art48>
46. "The 5C model: A New approach to Asset Integrity Management" (with Y. Rahim and Ingbjørn Refsdal), *International Journal of Pressure Vessels and Piping*, Volume 87, Issues 2-3, pp. 88-93, February-March 2010.
47. "Conceptual thinking and metrology concepts" (with U. Shafrir), *ACQUAL, Accreditation and Quality Assurance*, Vol. 15, No. 10, pp. 585-590, Springer Verlag, 2010.
48. "Recognizing opportunities", *Six Sigma Forum Magazine*, pp. 27-29, February 2011.
49. "Managing Risks with Data", *The European Financial Review*, pp. 54-48, March 2011.
50. "Measurement uncertainty in quantitative chimerism monitoring after stem cell transplantation" (with D. Koltai and D. Kristt) in *New Perspectives in Statistical Modeling and Data Analysis: Proceedings of the 7th Conference of the Classification and Data Analysis Group of the Data Analysis, and Knowledge Organization, Ingrassia, Rocci and Vichi* (editors), Springer Verlag, 2011.
51. "Site Seeing: new approach helps to assess risk throughout an organization" (with L. Yu, E. Urkin, S. Lum and R. Ben Jacob), *Quality Progress*, pp. 16-25, September 2011.

52. “Modern Analysis of Customer Surveys: comparison of models and integrated analysis”, with discussion (with Silvia Salini), *Applied Stochastic Models in Business and Industry*, 27, pp. 465–475, 2011.
53. “Modeling Opportunities for Statisticians Supporting Quality by Design Efforts for Pharmaceutical Development and Manufacturing” (with J. Peterson), *Biopharmaceutical Report, American Statistical Association Publication, ASA*, Vol. 18, No. 2, pp. 6-16, 2011. [http://www.amstat.org/sections/sbiop/BiopharmReport/2011\\_Fall\\_BR.pdf](http://www.amstat.org/sections/sbiop/BiopharmReport/2011_Fall_BR.pdf)
54. "Introduction to the Special Issue in Honor of Professor Shelemyahu Zacks" (with W. Stadje), *Quality Technology and Quantitative Management*, Vol. 9, No.1, pp. 1-2, 2011. [http://www.cc.nctu.edu.tw/~qtqm/upcomingpapers/2012V9N1/2012V9N1\\_F0.pdf](http://www.cc.nctu.edu.tw/~qtqm/upcomingpapers/2012V9N1/2012V9N1_F0.pdf)
55. “Discussion of *The COM-Poisson Model for Count Data: A Survey of Methods and Applications* by K. Sellers, S. Borle and G. Shmueli”, *Applied Stochastic Models in Business and Industry*, Vol. 28, pp. 117-121, 2012.
56. “Risk Assessment and Adaptive Group Testing of Semantic Web Services” (with X. Bai and W. Yu), *International Journal of Software Engineering and Knowledge Engineering*, 22 (5), pp. 595-620, 2012. <http://www.worldscientific.com/toc/ijseke/22/05>
57. “On Assessing the Performance of Sequential Procedures for Detecting a Change” (with M. Pollak), *Quality and Reliability Engineering International*, 28, pp. 500–507, 2012.
58. “Israele. Lo studio di un caso di gestione integrata della sanità” (with Y. Lavi, R. Corradetti, G. Fraser, R. Balicer, D. Erlich and Y. Niv), *Monitor*, Trimestrale dell’Agenzia nazionale per i servizi sanitari regionali, XI (30), pp. 69-82, 2012. [http://www.agenas.it/agenas\\_pdf/Monitor%2030.pdf](http://www.agenas.it/agenas_pdf/Monitor%2030.pdf)
59. “Hedging Instruments in Conventional and Islamic Finance” (with M. Zahan), *Journal of Applied Statistical Analysis: Decision Support Systems and Services*, Vol. 3, No.1, pp. 59-74, 2012. [http://siba-ese.unisalento.it/index.php/ejasa\\_dss/article/view/11306/11158](http://siba-ese.unisalento.it/index.php/ejasa_dss/article/view/11306/11158)
60. “Industrial Statistics Applications in the Semiconductors Industry: Some Examples” (with S. Zacks), *Applied Stochastic Models in Business and Industry*, 29, pp. 319–333, 2013.
61. “Modeling and Forecasting Energy Consumption in the Manufacturing Industry in South Asia” (with M. Zahan), *International Journal of Energy Economics and Policy*, Vol. 3, No.1, pp. 87-98, 2013. <http://www.econjournals.com/index.php/ijeeep/article/view/358/211>
62. “Applications of Bayesian Networks”, 2013. <http://ssrn.com/abstract=2172713>
63. “A Note on the Theory of Applied Statistics”, 2013. <http://ssrn.com/abstract=2171179>
64. “Managing Risks with Data”, 2013. <http://ssrn.com/abstract=2315556>
65. “Implementing SCRUM using Business Process Management and Pattern Analysis Methodologies”, *Dynamic Relationships Management Journal*, Vol. 2, No. 2, pp. 29-48, 2013. <http://sam-d.si/wp-content/uploads/2018/04/DRMJv02n02a03.pdf>  
<http://sam-d.si/en/revija/implementing-scrum-using-business-process-management-and-pattern-analysis-methodologies-2/>
66. “Comparative price forecast model of conventional and Islamic bank stock price listed in London stock exchange” (with M. Zahan), *Journal of Applied Statistical Analysis: Decision Support Systems and Services*, Vol. 4, No.1, pp. 33-46, 2013. [http://siba-ese.unisalento.it/index.php/ejasa\\_dss/article/download/11750/12029](http://siba-ese.unisalento.it/index.php/ejasa_dss/article/download/11750/12029)
67. “Integrated Management Principles and their Application to Healthcare Systems” (with Y. Lavi), *Sinergie*, Vol. 93, No 1, pp. 213-239, 2014. <http://sinergiejournal.eu/index.php/sinergie/article/view/S93.2014.13>

68. "On Information Quality" (with G. Shmueli), *Journal of the Royal Statistical Society, Series A* (with discussion), Vol. 177, No. 1, pp. 3-38, 2014. <http://ssrn.com/abstract=1464444>.
69. "Editorial to the 2014 ENBIS-SFdS Spring Meeting special issue on "Graphical Causality Models: Trees, Bayesian Networks and Big Data" (with J.M. Poggi and A. Pasanisi), *Quality Technology and Quantitative Management*, Vol. 11, No.1, pp. 1-2, 2014. [http://www.cc.nctu.edu.tw/~qtqm/upcomingpapers/2014V11N1/2014V11N1\\_Editorial.pdf](http://www.cc.nctu.edu.tw/~qtqm/upcomingpapers/2014V11N1/2014V11N1_Editorial.pdf)
70. "A Layered Approach to Managing Risks in OSS Projects" (with X. Franch, F. Mancinelli, A. Susi, D. Ameller, R. Ben-Jacob and A. Siena) in *Open Source Software: Mobile Open Source Technologies*, Springer, pp. 168-171, 2014.
71. "Bayesian Network Applications to Customer Surveys and InfoQ" (with F. Cugnata and S. Salini), *Procedia Economics and Finance*, Vol. 17, pp. 3-9, 2014. <http://www.sciencedirect.com/science/article/pii/S2212567114008715>
72. "Risk Based Testing of Open Source Software (OSS)" (with I. Yahav and X. Bai). In *Leveraging Applications of Formal Methods, Verification and Validation. Specialized Techniques and Applications*, Lecture Notes in Computer Science Volume 8803, pp 309-321, 2014.
73. "The RISCOSS Platform for Risk Management in Open Source Software Adoption" (with X. Franch, F. Mancinelli, A. Susi, D. Ameller, R. Ben-Jacob and A. Siena) in *Open Source Software: Mobile Open Source Technologies*, Springer, 2015.
74. "Statistics: A Life Cycle View" *Quality Engineering* (with discussion), Vol. 27, No.1, pp. 111-129, 2015. <http://ssrn.com/abstract=2315556>
75. "Foreword to the special issue on actual impact and future perspectives on stochastic modelling in business and industry (with G. Shmueli), *Applied Stochastic Models in Business and Industry*, Vol. 31, pp 1-2, 2015 <http://onlinelibrary.wiley.com/doi/10.1002/asmb.v31.1/issuetoc>
76. "Clarifying the terminology that describes scientific reproducibility" (with G. Shmueli), *Nature Methods*, Vol. 12, No. 8, p 699, August 2015.
77. "Official Statistics Data Integration to Enhance Information Quality" (with L. Dalla Valle), *Quality and Reliability Engineering International*, Vol. 31, No. 7, pp. 1281-1300, <https://core.ac.uk/download/pdf/80689400.pdf>, 2015
78. "On Generating High InfoQ with Bayesian Networks", *Quality Technology and Quantitative Management*, Vol. 13, No. 3, pp 309-332, <http://www.tandfonline.com/doi/full/10.1080/16843703.2016.1189182> , 2016.
79. "Helping Authors and Reviewers Ask the Right Questions: The InfoQ Framework for Reviewing Applied Research" (with G. Shmueli), [Journal of the International Association for Official Statistics \(with discussion\)](http://www.tandfonline.com/doi/full/10.1080/16843703.2016.1189182), Vol. 32, pp. 11-35, 2016.
80. "On the performance of sequential procedures for detecting a change, and Information Quality (InfoQ)." *Applied Mathematics in Engineering and Reliability: Proceedings of the 1st International Conference on Applied Mathematics in Engineering and Reliability (Ho Chi Minh City, Vietnam, 4-6 May 2016)*. CRC Press, 2016.
81. "Bayesian Networks: Robustness and Sensitivity Issues" (with F. Cugnata and S. Salini) *Journal of Quality Technology*, Vol. 48, No.3, pp. 253-264, 2016.
82. "From Quality to Information Quality in Official Statistics" (with G. Shmueli), *Journal of Official Statistics*, Vol. 32, No. 4, pp. 1-22, 2016.



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83. “Compositional data methods in customer survey analysis” (with M. Vives-Mestres and J.A. Martín-Fernández), *Quality and Reliability Engineering International*, DOI: 10.1002/qre.2029, Vol. 32, No. 6, pp. 2115-2125, 2016.
  84. “A structured overview on the use of computational simulators for teaching statistical methods” (with M. Seabra Reis), *Quality Engineering*, Vol. 29, No. 4, pp. 730-744, 2017.
  85. “Le attività MERLO nell’insegnamento e nell’apprendimento della matematica” (with F. Arzarello, P. Carante., O. Robutti and G. Trincherò) *Induzioni. Demografia, probabilità, statistica a scuola*, Vol. 51, pp. 51-70, 2016.
  86. “Recent Development on D-efficient Mixed-Level Foldover Designs for Screening Experiments (with Nam-Ky Nguyen and Tung-Dinh Pham), *Springer Handbook of Engineering Statistics*, 2<sup>nd</sup> edition.
  87. “Bayesian networks: Theory, applications and sensitivity issues”, *Encyclopedia with Semantic Computing and Robotic Intelligence*, World Scientific Press, 1(1), pp 1-13.  
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  92. “Quality of Information: a road map for applied data science”, *The Voice of the System*, 21, pp 5.-21, 2018.
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  96. “Election Polls – A Survey, Critique and Proposals (with D. Pfeffermann and D. Steinberg), *Annual Review of Statistics and its Application*, Volume 5, pp 1-24, 2018.  
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99. "Assessing the Value of Information of Data-Centric Activities in the Chemical Processing Industry 4.0" (with M. Seabra Reis), *AIChE, Process Systems Engineering*, Vol 64, No. 11, pp 3868-3881, 2018
100. "Discussion of article by Zwetsloot and Woodall: A review of some sampling and aggregation strategies for basic statistical process monitoring", *Journal of Quality Technology*, DOI 0.1080/00224065.2019.1611355, 2019
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### **Biomathematics / Biostatistics:**

1. "Variable Spatial Selection with Two Stages of Migration and Comparisons Between Different Timings" (with S. Karlin), *Theoretical Population Biology*, 11, pp. 386-409, 1977.
2. "The Relationship Between HLA Antigens and Bermuda Grass Hayfever" (with C. Geller, R. Zamir, S. Karlin and M. Sela), *Immunogenetics*, 7, pp. 259-264, 1978.
3. "Genetic Markers: Benign and Normal Traits of the Ashkenazi Population in Israel" (with B. Bonne and S. Ashbel) in *Genetic Diseases in Ashkenazi Jews*, eds.: R. Goodman and A. Motulsky, Raven Press, New York, pp. 59-76, 1979.
4. "Analysis of Biochemical Genetic Data on Jewish Populations: I. Historical Background, Demographic Features and Genetic Markers" (with S. Karlin and B. Bonne), *American Journal of Human Genetics*, 31, pp. 324-340, 1979.
5. "Analysis of Biochemical Genetic Data on Jewish Populations: II. Results and Interpretations Heterogeneity Indices and Distance Measures with Respect to Standards" (with S. Karlin and B. Bonne), *American Journal of Human Genetics*, 31, pp. 341-365, 1979.
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11. "Bayesian Process Tracking Under Random Changes in the Mean" (with S. Zacks), ASA annual meetings invited paper, Boston, August 1992.
12. "Process Tracking of Time Series with Change Points" (with S. Zacks), Proc. of the 7th International Conference in the Basque Country, August 1992.
13. "Analysis of Factorial Designs with Main Effects and Interactions Plots" (with B. Vogel), Proc. of the 9th International Quality Conference, Jerusalem, November 1992.
14. "Towards the Year 2000: Some Trends in Total Quality Management" (with J. Preminger), Proc. of the 14th Congress of the Society of Manufacturing Engineers, Tel-Aviv, June 1994.
15. "Presentation of Results from Designed Experiments using Graphical Methods" (with B. Vogel), Proc. of the 10th International Quality Conference, Jerusalem, November 1994.
16. "Setting Up the Software Development Management Dashboard: A case study in software product and process improvement", Proc. of the 3rd National Quality Conference, Tel Aviv, November 1995.
17. "Software Specification Metrics: A quantitative approach to assess the quality of documents", Proc. of the 19th Convention of Electrical and Electronics Engineers in Israel, Jerusalem, November 1996.
18. "Is your Employee a Satisfied Customer? or how to incorporate employee satisfaction surveys in the human resources development strategic plan" (in Hebrew with J. Bantay, D. Uriel and Mia Hacoheh-Jacobs), Proc. of the 8th Human Resources Organization Annual Conference, Zichron Yaakov, January 1997.
19. "Modern Industrial Statistics: *The challenge and some solutions*" (with S. Zacks), Proc. of the 12th International Quality Conference, Jerusalem, December 1998.
20. "Quality Management of Marketing and Technological joint ventures" (with Y. Yossef, R. Dvir, N. Sukenik and A. Belluco), Proc. of the 5th National Quality Conference, Haifa, November 1999.
21. "Robust Design: From Training to Implementation" (with D. Steinberg and B. Yoskovitch), Proc. of the 13th National Quality Conference, Haifa, November 1999.

22. "Assessing Software Inspection Processes with STAM" , Software Engineering Australia, SEA2000, Canberra, Australia, April 2000.
23. "Reducing Time To Market via Statistical Information Systems" (with D. Steinberg), Proc. of the 13th International Quality Conference, Jerusalem, November 2000.
24. "Choosing between Strategic Alternatives using Financial Indices" (with A. Ziv and U. Kendor), Proc. of the 13th International Quality Conference, Jerusalem, November 2000.
25. "Implementation of Six Sigma at the Dead Sea Bromine Group" (with G. Ehrlich), Proc. of the 13th International Quality Conference, Jerusalem, November 2000.
26. "On six sigma methods in the production of bromine compounds", DEINDE 2001, Torino, February 2001.
27. "On the application of bootstrapping in analyzing designed experiments" (with D. Steinberg), European Network for Business and Industrial Statistics (ENBIS) First Annual Conference on Business and Industrial Statistics, Oslo, Norway, September 17-18, 2001.
28. "Bootstrapping: A modern approach to analyze designed experiments in six sigma projects" (with D. Steinberg), Proc. of the 6<sup>th</sup> National Conference of the Israel Society for Quality, Tel Aviv, November 2001.
29. "Setting Balanced Strategies in Technological Companies" (with A. Ziv), Proc. of the 6<sup>th</sup> National Conference of the Israel Society for Quality, Tel Aviv, November 2001.
30. "CRM and Knowledge Management: An approach to manage customer relationships" (with M. Hacoheh-Jacobs), Proc. of the 6<sup>th</sup> National Conference of the Israel Society for Quality, Tel Aviv, November 2001.
31. "Improving Customer Loyalty: The key to business success" (with R. Fainstein), Proc. of the 6<sup>th</sup> National Conference of the Israel Society for Quality, Tel Aviv, November 2001.
32. "Issues in Customer Satisfaction Surveys", DEINDE 2002, Torino, February 2002.
33. "The Impact of Classification Errors on Assessing Software Inspection Processes with STAM", MMR2002, ISI Conference, Trondheim, Norway, June 2002.
34. "Statistical Efficiency- the practical perspective" (with S. Coleman), European Network for Business and Industrial Statistics (ENBIS) Second Annual Conference on Business and Industrial Statistics, Rimini, Italy, September, 2002.
35. "The use of simulations in academic courses on performance management" (with D. Rachman-Moore), 10<sup>th</sup> Annual conference of the Israeli Training Association, Tel Aviv, Israel, May 2003.
36. "Robust design from computer simulations" (with D. Steinberg), Spring Research Conference, Dayton, Ohio, USA, June 2003.
37. "A proposal for managing and engineering knowledge of stochastics in the quality movement" (with J. Shade and M. Ramahloto), European Safety and Reliability Conference (ESREL), Maastrich, Holland, June 2003.
38. "Statistical properties of internet based market research surveys" (with O. Kaplan and Y. Raanan), European Network for Business and Industrial Statistics (ENBIS) Third Annual Conference on Business and Industrial Statistics, Barcelona, Spain, August 2003.
39. "Six Sigma Perspectives on Stochastics for the Quality Movement" (with J. Shade and M. Ramahloto), European Network for Business and Industrial Statistics (ENBIS) Third Annual Conference on Business and Industrial Statistics, Barcelona, Spain, August 2003.

40. "The Integrated Model, Customer Satisfaction Surveys and Six Sigma". The First International Six Sigma Conference, CAMT, Wroclaw, Poland, January 2004.
41. "Enterprise System Implementation: The experience and methodology of BEST" (with M. Blat), 11<sup>th</sup> Annual conference of the Israeli Training Association, Tel Aviv, Israel, June 2004.
42. "Methods to Collect and Analyze Organizational Change Management Data: The BEST Approach" (with H. Buhl, S. Lombardo and P. Wognum), European Network for Business and Industrial Statistics (ENBIS) Fourth Annual Conference on Business and Industrial Statistics, Copenhagen, Denmark, September 2004.
43. "On the Planning and Design of Sample Surveys", European Network for Business and Industrial Statistics (ENBIS) Fourth Annual Conference on Business and Industrial Statistics, Copenhagen, Denmark, September 2004.
44. "Implementing SPC in record time" (with M. Miller and E. Kuperman), Proc. of the 15th International Quality Conference, Jerusalem, November 2004.
45. "From q to Six Sigma, and back", Proc. of the 15th International Quality Conference, Jerusalem, November 2004.
46. "Data analytic properties of the Shiryayev-Roberts control chart: some further results" (with M. Pollak), Proc. of The International Symposium on Stochastic Models in Reliability, Safety, Security and Logistics (SMRLO5), Beer Sheva, Israel, February 15-17th 2005.
47. "Design of Experiments and Computer Simulations: aspects of design and analysis", (with D. Amberti) DEINDE, Torino, May 2005.
48. "Bootstrap Analysis of Designed Experiments: Part II", European Network for Business and Industrial Statistics (ENBIS) Fifth Annual Conference on Business and Industrial Statistics, Newcastle, UK, September 2005.
49. "Improvement of Electronic Designs using Stress Reduction" (with Y. Bot), Proc. of the 8th National Quality Conference, Tel Aviv, November 2005.
50. "Project Management and Six Sigma" (with E. Kuperman and S. Gang), Proc. of the 8<sup>th</sup>. National Quality Conference, Tel Aviv, November 2005.
51. "Quality and productivity at ChemAgis; From using statistical tools to six sigma" (with E. Urkin and A. Kost), Proc. of the 8th National Quality Conference, Tel Aviv, November 2005.
52. "Radon survey of Israel" (with G. Haquin, T. Riemer, Y. Shamaï, M. Margalioth, M. Shirav) , Proc. of the Conference of Nuclear societies in Israel, Dead Sea, February 2006.  
<ftp://ftp.gsi.gov.il/radon/mmg-3530-05.pdf>
53. "Scale Up Optimization Using Simulation Experiments" (with Moshe Ben Tollila Simona Malca, Roberto Novoa and Benny Yoskovitch) 2006 Process Development Symposium: Learn from the Past, Plan for the Future, The American Institute of Chemical Engineers (AIChE), Palm Springs California, June 11-16, 2006.
54. "Operational Risks in Enterprise System Implementation" (with E. Kuperman and Y. Raanan), European Network for Business and Industrial Statistics (ENBIS) Sixth Annual Conference on Business and Industrial Statistics, Wroclaw, Poland, September 2006.
55. "Planning and executing organizational assessments using benchmarks of excellence" (with Y. Raanan and R. Corradetti), European Network for Business and Industrial Statistics (ENBIS) Sixth Annual Conference on Business and Industrial Statistics, Wroclaw, Poland, September 2006.

56. "Excellence In Work Environment Quality: An introduction to The Pareto Plus model" (with E. Kuperman and H. Krothamer), Proc. of the 16th International Quality Conference, Tel Aviv, November 2006.
57. "Risk Management Implementation: An Improvement on Project Management and Business Intelligence" (with E. Kuperman and Y. Raanan), Proc. of the 16<sup>th</sup> International Quality Conference, Tel Aviv, November 2006.
58. "The Journey to Organizational Excellence in Eliashar Distribution Ltd." (in Hebrew with H. Nachshon, S. Harel and Y. Shuchmacher), Proc. of the 18th Annual Human Resources Conference in Israel, Tel Aviv, November 2006.
59. "Sensitivity Analysis of Bayesian Networks with Stochastic Emulators", (with C. Cornalba and P. Giudici) ENBIS-DEINDE, Torino, Italy, April 2007.
60. "On creating meaningful engagements in statistical consulting", QMOD, Helsingborg, Sweden, June 2007.
61. "Risk Management Approach and Six Sigma Implementation in the Pharmaceutical Industry" (with N. Kalman, E. Urkin, A. Ingher, H. Shenkman and E. Kuperman). The 12th International Conference on Quality and Productivity Research, Tel Aviv, July 2007.
62. "Validating clinical trials protocols with simulations" (with T. Greenfield). European Network for Business and Industrial Statistics (ENBIS) Seventh Annual Conference on Business and Industrial Statistics, Dortmund, Germany, September 2007.
63. "The Statistical Efficiency Conjecture" (with A. De Frenne, X. Tort-Martorell, C. McCollin). European Network for Business and Industrial Statistics (ENBIS) Seventh Annual Conference on Business and Industrial Statistics, Dortmund, Germany, September 2007.
64. "Bayesian Networks of Customer Satisfaction Survey Data" (with S. Salini). European Network for Business and Industrial Statistics (ENBIS) Seventh Annual Conference on Business and Industrial Statistics, Dortmund, Germany, September 2007.
65. "Acceptance Sampling Plan Optimization in the Pharmaceutical Industry" (with B. Magenheim, E. Kuperman, E. Urkin and N. Kalman). Proc. of the 9<sup>th</sup> National Quality Conference, Tel Aviv, November 2007.
66. "Data driven improvements in the K-12 educational system in Jerusalem" (with B. Nemet, Y. Lutafy, A. Sela, S. Rosenberg, T. Freund, S. Rainders and Y. Suchmacher). Proc. of the 9<sup>th</sup> National Quality Conference, Tel Aviv, November 2007.
67. "Managing Integrated Models: A new role for the Corporate Quality Manager". Proc. of the 9<sup>th</sup> National Quality Conference, Tel Aviv, November 2007.
68. "Drug Development Strategy: The interface between QbD and statistical methods" (with Y. Stark). Global Pharmaceutical Conference Practical Application of QbD in Accelerated Development: Laboratory, Quality and Regulatory Considerations, Frankfurt, Germany, April, 2-4<sup>th</sup>, 2008.
69. "Operational usability assessment using web statistics" (with A. Harel). Proc. of the 15th Industrial Engineering and Management Conference, Tel Aviv, March 19<sup>th</sup>, 2008.
70. "On Health Care and the Number of Physicians" Keynote presentation at the Annual Conference of the European Forum of Medical Associations (EFMA), Tel Aviv, April 10<sup>th</sup>, 2008.
71. "Quality by Design Applications to Analytical Methods in the Pharmaceutical Industry" (with D. Kenett), Keynote presentation at the Conference on Advanced Mathematical and Computational Tools in Metrology and Testing AMCTM2008, ENS Cashan, Paris, June 2008.



72. "Advances in Operational Risk Management: Results from the MUSING project on combining semantic and quantitative data in risk assessment" (with Y. Raanan). Proc. of the ISBIS-2008 International Symposium on Business and Industrial Statistics, Prague, Czech Republic, July 4<sup>th</sup>, 2008.
73. "Relative Linkage Disequilibrium: A new measure for association rules" (with S. Salini). Proc. of the 8th Industrial Conference on Data Mining, ICDM 2008, Leipzig, Germany, July 16 -18<sup>th</sup>, 2008.
74. "Relative Linkage Disequilibrium: An intersection between evolution, algebraic statistics, text mining and contingency tables" (with S. Salini). Mathematical explorations in contemporary Statistics, dedicated to Giovanni Pistone on occasion of his sixth-fifth birthday, Sestri Levante, Italy, May 19-20<sup>th</sup>, 2008.
75. "Using Risk Assessment Matrices in Ranking Projects and Modifications in the Petroleum Industry" (with Y. Rahim), Modeling and Analysis of Safety and Risk in Complex Systems (MASR - 2008), Saint-Petersburg, Russia, June 24 - 28<sup>th</sup>, 2008.
76. "Decision support for user interface design: Usability diagnosis by time analysis of the user activity" (with A. Harel and F. Ruggeri). Proc. of the 32nd Annual IEEE International Computer Software and Applications Conference (COMPSAC), Turku, Finland, July 28 - August 1<sup>st</sup>, 2008.
77. "Statistical Aspects of Quality by Design (QbD) Applications to Analytical Methods in the Process Industries" (with S. Coleman). Royal Statistical Society Annual Conference, Nottingham, UK, September 2008.
78. "Six Sigma: The Great Debate". Royal Statistical Society Annual Conference, Nottingham, UK, September 2008.
79. "On Applications of the Relative Linkage Disequilibrium" (with S. Salini). European Network for Business and Industrial Statistics (ENBIS) Eighth Annual Conference on Business and Industrial Statistics, Athens, Greece, September 22-24<sup>th</sup>, 2008.
80. "Advances in Operational Risk Management: Statistical aspects of the MUSING project on combining semantic and quantitative data in risk assessment" (with Y. Raanan). European Network for Business and Industrial Statistics (ENBIS) Eighth Annual Conference on Business and Industrial Statistics, Athens, Greece, September 22-24<sup>th</sup>, 2008.
81. "Factors affecting the near miss reporting" (with Y. Rahim). European Network for Business and Industrial Statistics (ENBIS) Eighth Annual Conference on Business and Industrial Statistics, Athens, Greece, September 22-24<sup>th</sup>, 2008.
82. "User Interface Diagnosis by Statistics of the User Activity in Service Oriented Architectures" (with A. Harel). Proc. of the 5<sup>th</sup> Annual Israeli National Conference on Systems Engineering, INCOSE, Herzlia, March 2<sup>nd</sup>, 2009.
83. "Quality by Design Approach in Biopharmaceutical Products" (with D. Kenett). Challenges in Global Product Development: Developing Rugged and Robust Products, Processes and Specifications, Bar Ilan University and University of Wisconsin - School of Pharmacy, Tel Aviv, April 2<sup>nd</sup>, 2009.
84. "Integrated Management: The New Challenge of Quality Management" Proc. of the 2<sup>nd</sup> Annual Quality Conference in Upper Galilee, Ort Braude College, Carmiel, Israel, May 26<sup>th</sup>, 2009.
85. "Quality, Risk and the Taleb Quadrants" (with C. Tapiero). Proc. of the Quality and Productivity Research Conference (QPRC), Yorktown Heights, NY, June 3 - 5<sup>th</sup>, 2009.

86. "Quality by Design Applications in the Pharmaceutical Industry", Quality by Design: Linking Production and Development in High Tech Manufacturing, JMP-SAS Conference, Manchester, U.K., June 18<sup>th</sup>, 2009.
87. "The 5C model: A New approach to Asset Integrity Management" (with Y. Rahim and Ingbjørn Refsdal), The 3rd Summer Safety & Reliability Seminars SSARS 2009, Gdansk, Poland, July 19 - 25<sup>th</sup>, 2009.
88. "Risk-Based Adaptive Group Testing of Web Services" (with X. Bai). Proc of the 33rd Annual IEEE International Computer Software and Applications Conference (COMPSAC), Seattle, USA, July 20 - 24<sup>th</sup>, 2009.
89. "Measurement uncertainty in quantitative chimerism monitoring after stem cell transplantation" (with D. Koltai and D. Kristt). CLADAG 2009, Seventh Scientific Meeting of the CLAssification and Data Analysis Group of the Italian Statistical Society, Università di Catania, Italy, September 9-11<sup>th</sup>, 2009.
90. "Integrating Operational and Financial Risk Assessments" (with S. Figini and P. Giudici). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
91. "Challenges in estimating the cost and burden of occupation accidents" (with Y. Rahim). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
92. "The CIM Index: Measuring the Impact of Creativity and Innovation Programs" (with S. Lombardo). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
93. "An Analysis of Statistical Efficiency" (with C. McCollin, S. Coleman and I. Ograjenšek). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
94. "Can Research Processes be Improved: An attempt at making graduate education more effective and more efficient" (with S. Coleman and I. Ograjenšek). European Network for Business and Industrial Statistics (ENBIS) Ninth Annual Conference on Business and Industrial Statistics, Goteborg, Sweden, September 22-24<sup>th</sup>, 2009.
95. "Quality, Risk and Operations Management: The Integration". Proc. of the International Symposium on Stochastic Models in Reliability Engineering, Life Sciences and Operations Management (SMRLO10), Beer Sheva, Israel, February 8-11<sup>th</sup>, 2010.
96. "Patterns and characterization of accidents and incidents reported in oil and gas industry in Norway (with Y. Rahim), The 4th Summer Safety & Reliability Seminars SSARS 2010, Sopot, Poland, June 20 - 26<sup>th</sup>, 2010.
97. "The Evidence Based Management of Learning: Diagnosis and development of conceptual thinking with Meaning Equivalence Learning Objects (MERLO)" (with M. Etkind and U. Shafrir), The 8th International Conference on Teaching Statistics (ICOTS8), Ljubljana, Slovenia, July 11-16<sup>th</sup>, 2010.
98. "Relative Linkage Disequilibrium in tracking Web search patterns" (with S. Salini). GfKi-CLADAG 2010, Eighth Scientific Meeting of the CLAssification and Data Analysis Group of the Italian Statistical Society, Firenze, Italy, September 8-10<sup>th</sup>, 2010.
99. "On Quality Research: An application of InfoQ to the PhD research process" (with S. Coleman and I. Ograjenšek). European Network for Business and Industrial Statistics (ENBIS) Tenth Annual Conference on Business and Industrial Statistics, Antwerp, Belgium, September 12-16<sup>th</sup>, 2010.

100. "Optimal scaling for risk assessment: merging of operational and financial data" (with S. Figini and S. Salini). European Network for Business and Industrial Statistics (ENBIS) Tenth Annual Conference on Business and Industrial Statistics, Antwerp, Belgium, September 12-16<sup>th</sup>, 2010.
101. "Statistical methods for scaling up blending process with simulation platforms", 76<sup>th</sup> meeting of the Israel Chemical Society, Tel-Aviv, Feb 9-10<sup>th</sup>, 2010
102. "Managing risks with data", ENBIS-DEINDE, Torino, Italy, March 17-18<sup>th</sup>, 2011.  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2355474](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2355474)
103. "Statistics as a Profession", Statistica in Azienda, Torino, Italy, March 16<sup>th</sup>, 2011.
104. "Managing risks with data", Annual Meeting of the Israel Statistical Association, Tel Aviv, May 25<sup>th</sup>, 2011.
105. "Multivariate Statistical Process Control: an introduction", Workshop on Statistical Methods in Microelectronics, Catholic University, Milan, Italy, June 13<sup>th</sup>, 2011.
106. "The ABC Survey Data Analysis: A Comparison of Methods" (with S. Salini), Workshop on Modern Analysis of Customer Satisfaction Surveys, University of Milan, Milan, Italy, June 14<sup>th</sup>, 2011.
107. "Future Directions of Software Cybernetics: A Position Paper". Proc. of the 35<sup>th</sup>. Annual IEEE International Computer Software and Applications Conference (COMPSAC), Munich, Germany, July 18 – 21<sup>st</sup>, 2011.
108. "On Assessing performance of Sequential Procedures" (with M. Pollak). European Network for Business and Industrial Statistics (ENBIS) Eleventh Annual Conference on Business and Industrial Statistics, Coimbra, Portugal, September 4-8<sup>th</sup>, 2011.
109. "Designing and Deploying a Healthcare Professional Service: A Case Study in Integrated Healthcare Management" (with Y. Lavi, R. Corradetti, G. Fraser, R. Balicer, D. Erlich and Y. Niv), European Network for Business and Industrial Statistics (ENBIS) Eleventh Annual Conference on Business and Industrial Statistics, Coimbra, Portugal, September 4-8<sup>th</sup>, 2011.
110. "Applications of Bayesian Networks to Small, Mid-size and Massive Data and an introduction to FuturICT", The Future Internet Technology Colloquium, Tsinghua University, Beijing, China, April 19<sup>th</sup>, 2012.
111. "Risk Management in In Vitro In Vivo Correlation (IVIVC)", (with S. Guzy), The 3rd Jerusalem Conference on Quality and Pharma Sciences, Jerusalem, Jerusalem, June 6-7<sup>th</sup>, 2012.
112. "Adaptive Designs in Clinical Trials as a New Paradigm", The 3rd Jerusalem Conference on Quality and Pharma Sciences, Jerusalem, June 6-7<sup>th</sup>, 2012.
113. "Applications of Bayesian Networks to Small, Mid-size and Massive Data", (with A. Gruber and I. Ben Gal), The sixth International Workshop on Applied Probability – IWAP 2012, Jerusalem, June 11-14<sup>th</sup>, 2012
114. "Applications of Bayesian Networks to Operational Risks, Healthcare, Biotechnology and Customer Surveys", 22nd Colombian Statistics Symposium, The National University of Colombia, Bucaramanga, Columbia, July 17-22<sup>nd</sup>, 2012.
115. "Do you want to make an impact with quantitative methods? Make sure you generate high InfoQ", 15<sup>th</sup> Toulon-Verona Conference on Excellence in Services, College of Management, Rishon Lezion, Israel, September 3-5<sup>th</sup>, 2012.

116. "Applications of Bayesian Networks", European Network for Business and Industrial Statistics (ENBIS) Twelfth Annual Conference on Business and Industrial Statistics, Ljubljana, Slovenia, September 9-13<sup>th</sup>, 2012.
117. "Applied Bayesian Networks", Financial Engineering Seminar, NYU-Poly, New York, September 25<sup>th</sup>, 2012.
118. "Integrating Operational and Financial Risks", The 6<sup>th</sup> IsENBIS conference, Tel Aviv University, October 21<sup>st</sup>, 2012.
119. "Applications of Bayesian Networks to Operational Risks, Healthcare, Biotechnology and Customer Surveys", De Castro Statistics Initiative Seminar, Collegio Carlo Alberto, Turin, November 16<sup>th</sup>, 2012. <http://www.carloalberto.org/events/seminars/statistics/show/ron-s-kenett-kpa-ltd-israel>
120. "On Statistical Thinking and the future of Quality" (in Hebrew), Open University ISQ joint Meeting, Raanana, December 2<sup>nd</sup>, 2012. [http://www.youtube.com/watch?v=WnW0IJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9QoKA2bIy8CC&index=2&feature=plpp\\_video](http://www.youtube.com/watch?v=WnW0IJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9QoKA2bIy8CC&index=2&feature=plpp_video)
121. "QbD in Bone Marrow Transplant", Conference on *Quality by Design in Stem Cell Transplantation: Rational translation from bench to bed*, The School of Pharmacy Institute for Drug Research, The Hebrew University, Jerusalem, May 1<sup>st</sup>, 2013.
122. "Do you want to make an impact with quantitative methods? Make sure you generate high InfoQ" Annual Quality Conference, Ostrava, Czech Republic, May 14-15<sup>th</sup>, 2013. [https://www.motivp.com/shop/video/Do\\_you\\_want\\_to\\_make\\_an\\_impact\\_with\\_quantitative\\_methods\\_Make\\_sure\\_you\\_generate\\_high\\_InfoQ](https://www.motivp.com/shop/video/Do_you_want_to_make_an_impact_with_quantitative_methods_Make_sure_you_generate_high_InfoQ)
123. "Process Improvement and CMMI for Systems and Software", Software Quality and Testing Industry Academia Symposium, Beer Sheba, May 28<sup>th</sup>, 2013.
124. "On doing fine work in statistics", [Tel Aviv University Statistics Seminar](#), May 28<sup>th</sup>, 2013.
125. "On Generating High InfoQ with Bayesian Networks", RSS Journal Club, June 13<sup>th</sup>, 2013. <http://www.rss.org.uk/site/cms/contentEventViewEvent.asp?chapter=9&e=1543>
126. "Applications of Bayesian Networks to Big Data with open source implications" (with M. Ashcroft), The EU-China HPC Cloud and Big Data Wks, Stavanger, Norway, June 21<sup>th</sup>, 2013. <http://euchina2013.uis.no/index.php/program>
127. "An Introduction to Web Usability" A special workshop organized by the Israel Standards Institute and the Israel Internet on the occasion of the new Israeli accessibility and usability standards, Open University, Raanana, Israel, July 10<sup>th</sup>, 2013. <http://www.youtube.com/embed/cOnGn7wfsS8?rel=0>
128. "Managing Risk in Open Source Software Adoption" (with X. Franch et al), ICSOFT2013, 8<sup>th</sup> Intern. Joint Conference on Software technologies, Reykjavik, Iceland, July 29-31<sup>st</sup>, 2013 [riscoss.sites.ow2.org/bin/download/Events/WebHome/ICSOFT-EA\\_2013\\_78\\_PROCS.pdf](http://riscoss.sites.ow2.org/bin/download/Events/WebHome/ICSOFT-EA_2013_78_PROCS.pdf)
129. "On doing fine work in statistics", The 2013 Greenfield Medal Lecture, Royal Statistical Society Annual Conference, Newcastle, UK, September 4<sup>th</sup>, 2013.
130. "An Information Quality (InfoQ) Framework for Ex-Ante and Ex-Post Evaluation of Empirical Studies" (with G. Shmueli), IDAM2013, The 3rd International Workshop on Intelligent Data Analysis and Management, Garden Villa, Kaohsiung, Taiwan, September 9-13<sup>th</sup>, 2013.

131. "Financial and Risk Applications of InfoQ", Topfer Chair Lecture Series, NYU, New York, September 24<sup>th</sup>, 2013.  
[http://www.poly.edu/sites/polyproto.poly.edu/files/topfer\\_lecture\\_series%20Fall%202013.pdf](http://www.poly.edu/sites/polyproto.poly.edu/files/topfer_lecture_series%20Fall%202013.pdf)
132. "On Information Quality (InfoQ)" Bar Ilan School of Business Administration Seminar, October 22<sup>nd</sup>, 2013. <http://mba.biu.ac.il/en/node/1365#!>
133. "Bayesian Network Applications to Customer Surveys" (with F. Cugnata and S. Salini), IES 2013 - Innovazione e società Innovation and Society 2013, Metodi statistici per la valutazione, Milan, December 9-10<sup>th</sup>, 2013.
134. "On Industrial Statistics and Information Quality", International Workshop on Higher Education, dedicated to statistical applications to technology and industry, Universitat de Vic, Spain, December 11<sup>th</sup>, 2013.
135. "Managing Risks with Data", UPC School of Industrial Engineering Seminar, Barcelona, Spain, December 12<sup>th</sup>, 2013.
136. "On the role of statistical thinking in quality management" (in Hebrew), Open University and Israel Standards Institute Conference, Raanana, Israel, December 18<sup>th</sup>, 2013.
137. "On Measurement, Standards, Information and Insights: The linking Thread", Open University Conference on Measurement Uncertainty, Raanana, Israel, January 6<sup>th</sup>, 2014.  
<http://www.openu.ac.il/Events/060114-eng.html>  
<https://www.youtube.com/watch?v=KwLoIoD62ZA&index=17&list=PLEMOEwdRMCamZE3yLFBD4OgBOyjRV4qyB>
138. "Field Experience of Measures in Systems Integration & Testing Phase using STAM Methodology" (with S. Assaraf), 54th Israel Annual Conference on Aerospace Sciences, February 19-20<sup>th</sup>, 2014.
139. "Statistics: A Life Cycle View", Second Hunter Research Conference, Phoenix, Arizona, March 11- 14<sup>th</sup>, 2014.
140. "Quantitative and Qualitative Aspects of Bayesian Networks: A General Approach for Integrating Expert Opinions and Structured Data", Séminaire Parisien de Statistique, Paris, France, April 7<sup>th</sup>, 2014. <https://sites.google.com/site/semstats/home/seance-du-7-avril-2014>
141. "On Generating High InfoQ with Bayesian Networks", ENBIS-SfdS, IHP, Paris, France, April 9-11<sup>th</sup>, 2014. <http://springmeeting2014.sfds.asso.fr/>
142. "On Information Quality (InfoQ) in Risk Management of Open Source Software (OSS)", SCECR 2014, statistical challenges in ecommerce research, Tel Aviv, Israel, June 12-13<sup>th</sup>, 2014. <http://scecr.org/scecr2014/program>
143. "Adoption of Free Libre Open Source Software (FLOSS): A Risk Management Perspective" (with X. Franch, A. Susi and N. Galanis). Proc. of the 38th Annual IEEE International Computer Software and Applications Conference (COMPSAC), Västerås, Sweden - July 21-25<sup>th</sup>, 2014.
144. "Risk Based Testing of Open Source Software (OSS)" (with X. Bai and I. Yahav). Proc. of the 38th Annual IEEE International Computer Software and Applications Conference (COMPSAC), Västerås, Sweden - July 21-25<sup>th</sup>, 2014.
145. "On information quality (InfoQ) of official and establishment statistics", Invited Session on Evaluating Quality of Official Statistics, Joint Statistical Meetings, Boston, MA, August 6<sup>th</sup>, 2014.
146. "On Generating High InfoQ with Bayesian Networks" Torino R Net, Turin, Italy, September 17<sup>th</sup>, 2014. <http://torinor.net/events-2/eighth-torino-r-net-meeting>

147. "Bayesian Networks: "what if" sensitivity scenarios using R" (with F. Cugnata and S. Salini), EQCS2, Italian conference on excellence in quality, statistical control and customer satisfaction. Turin, Italy, September 18-19<sup>th</sup>, 2014.
148. "Integrated Models In Healthcare" (with Y. Lavi and R. Corradetti), EQCS2, Italian conference on excellence in quality, statistical control and customer satisfaction. Turin, Italy, September 18-19<sup>th</sup>, 2014.
149. "The application of concept science in the professional development of teachers of mathematics and statistics" (with F. Arzarello, O. Robutti and U. Shafrir), EQCS2, Italian conference on excellence in quality, statistical control and customer satisfaction. Turin, Italy, September 18-19<sup>th</sup>, 2014.
150. "Official Statistics Data Integration to Enhance Information Quality" (with L. Dalla Valle), European Network for Business and Industrial Statistics (ENBIS) 14th Annual Conference on Business and Industrial Statistics, Linz, Austria, September 21- 25<sup>th</sup>, 2014.
151. "Teaching design of experiments: A 25 years retrospective" (with D. Steinberg), European Network for Business and Industrial Statistics (ENBIS) 14th Annual Conference on Business and Industrial Statistics, Linz, Austria, September 21- 25<sup>th</sup>, 2014.
152. "Risk Based Testing of Open Source Software (OSS)" (with I. Yahav and X. Bai). Proc. of the 6th International Symposium On Leveraging Applications of Formal Methods, Verification and Validation, Corfu, Greece, October 8-11<sup>th</sup>, 2014.
153. "Bayesian Networks: Robustness and issues" (with F. Cugnata and S. Salini), Workshop SUNOVA & SHAPE 2014, Statistics with UNObservable Variables Statistical models for HumAn Perception and Evaluation. Brescia, Italy, October 21<sup>st</sup>, 2014.
154. "On Information Quality (InfoQ) of Official and Establishment Statistics" Washington Statistical Society Seminars, Washington DC, November 3<sup>rd</sup>, 2014.  
<http://washstat.org/seminars/#20141103>
155. "Software testing analytics: Examples from the evaluation of an independent software testing organization and the design of dynamic web testing" George Washington University, Management Science Seminar, Washington DC, November 5<sup>th</sup>, 2014.  
[http://washstat.org/events/#gwu\\_20141105.html](http://washstat.org/events/#gwu_20141105.html)
156. "On increasing information quality (InfoQ) by calibration of official statistics" The 7th International Conference of the ERCIM WG on Computational and Methodological Statistics (ERCIM 2014), Pisa, Italy, December 7<sup>th</sup>, 2014. <http://www.cmstatistics.org/ERCIM2014>
157. "On information quality (InfoQ) in risk management" ISQ and isENBIS Quality leadership for competitive analysis symposium, Afeqa College, Tel Aviv, March 11<sup>th</sup>, 2015.
158. "On Bayesian networks and information quality (InfoQ)", Workshop on Bayesian Networks. Brescia, Italy, May 18<sup>th</sup>, 2015. <http://www.unibs.it/eventi/workshop-bayesian-networks-work>
159. "On the Performance of Sequential Procedures for Detecting a Change and Information Quality" OSAp15, Optimal Stopping and Applications. Turin, Italy, May 22<sup>nd</sup>, 2015.  
<https://sites.google.com/site/workshoptimalstopping/home>
160. "Frequency vectors and contingency tables: A non-parametric and graphical analysis" CoDaWork 2015, the 6th international Workshop on Compositional Data analysis, L'Escala, Spain, June 1-5<sup>th</sup>, 2015.
161. "Formative assessment in statistical education massive online open courses (MOOC)" (with U. Shafrir., F. Arzarello and O. Robutti), European Network for Business and Industrial Statistics (ENBIS) Spring Meeting, Barcelona, Spain, June 5<sup>th</sup>, 2015.



162. "Information quality and official statistics", INGRID expert workshop on local statistics for decision-making on well-being and vulnerability, Livorno, Italy, June 15-17<sup>th</sup>, 2015.  
<https://inclusivegrowth.be/events/call21>
163. "Advanced experimental strategy for achieving robustness in complex systems" (in Hebrew), Open University and Israel ENBIS Conference, Raanana, Israel, June 18<sup>th</sup>, 2015.  
[http://www.publicators.com/app/dms.asp?ms\\_id=14014](http://www.publicators.com/app/dms.asp?ms_id=14014)  
[https://www.youtube.com/watch?v=VWI9mWpgmw&index=3&list=PLEMOEwdRMCaNDNnl3M0u\\_MQeP\\_0mWqpuu](https://www.youtube.com/watch?v=VWI9mWpgmw&index=3&list=PLEMOEwdRMCaNDNnl3M0u_MQeP_0mWqpuu)
164. "Introduction to Compositional Data Analysis with Applications to Customer Survey Analysis" (with Marina Vives-Mestres and J.A. Martín-Fernández) ENBIS 2015, Czech Technical University, Prague, September 6-10<sup>th</sup>, 2015.
165. "Compositional Data (CoDa) methods in the analysis of customer surveys" (with Marina Vives-Mestres and J.A. Martín-Fernández) Conference in honor of Professor Corrado Gini, Padua, September 8<sup>th</sup>, 2015.
166. "On the Performance of Sequential Procedures for Detecting a Change, and Information Quality (InfoQ)" Statistics Seminar, Binghamton University, Binghamton, New York, September 24<sup>th</sup>, 2015. <https://www2.math.binghamton.edu/p/seminars/stat/09242015>
167. "Enhancing Information Quality via Official Statistics Data Integration" (with L. Dalla Valle) 8<sup>th</sup> International Conference of the ERCSIM WG on Computational and Methodological Statistics, CMStatistics2015, London, UK, December 12-14<sup>th</sup> 2015.
168. "On Teaching Statistics in MOOC with Formative Assessment", Open University Research Center for Innovation in Learning Technologies and Israel Statistical Association Conference, Raanana, Israel, January 24<sup>th</sup>, 2016.  
<https://www.youtube.com/watch?v=S1yCI63ZF08&list=PLEMOEwdRMCaIMKAXRYSpXt7o3Uyf2MPS-&index=2>
169. "Optimizing System Design Under Degrading Failure Agents " (with A. Engel, S. Shahar and Y. Reich). Proc. of the International Symposium on Stochastic Models in Reliability Engineering, Life Sciences and Operations Management (SMRLO16), Beer Sheva, Israel, February 15-18<sup>th</sup>, 2016.
170. "Meaning equivalence: A methodological tool for assessing deep understanding " (with O. Robutti, F. Arzarello, P. Carante, T. Prodromou and U. Shafir). Proc. of the 10th annual International Technology, Education and Development Conference, INTED2016, Valencia, Spain, March 7- 9<sup>th</sup>, 2016.
171. "On the Performance of Sequential Procedures for Detecting a Change, and Information Quality", First Conference on Applied mathematics in Engineering and Reliability (ICAMER 2016), Ho Chi Min City, Vietnam, May 5-6<sup>th</sup>, 2016.  
<https://www.youtube.com/watch?v=NlvGh0Dcsi4>
172. "How should one teach the introductory course in Statistics?", 48èmes Journées de Statistique de la Société Française de Statistique (SFdS), Montpellier, France, May 28<sup>th</sup>, 2016.
173. "Understanding association rules from a compositional data approach" (with Josep-Antoni Martín-Fernández and Marina Vives-Mestres). SIS 2016, 48th Meeting of the Italian Statistical Society, Università di Salerno, Italy, June 8-10<sup>th</sup>, 2016.
174. "Association rules and compositional data analysis: implications to big data " (with J.-A. Martín-Fernández, S. Thió-Henestrosa and M. Vives-Mestres). 7th International Workshop on Compositional Data Analysis, Abbadia San Salvatore (Siena) Italy, June 5-9, 2017.
175. "On the Performance of Sequential Procedures for Detecting a Change, and Information Quality" TUE Stochastics Colloquium, Eindhoven, June 1<sup>st</sup>, 2017.

176. “The Information Quality Framework for Evaluating Manufacturing 4.0 Analytics” Distinguished Lecture, TUE Data Science Center Eindhoven, June 1<sup>st</sup>, 2017.  
<https://www.tue.nl/en/university/departments/mathematics-and-computer-science/research/research-institutes/data-science-center-eindhoven-dsce/research/data-science-events/distinguished-lecture-series/>
177. “Social media big data integration: a new approach based on calibration” (with L. Dalla Valle). ENBIS 2017, University of Naples Federico II in Naples (Italy), September 9-14<sup>th</sup>, 2017.
178. “Association rules and compositional data analysis: implications to big data” (with J.-A. Martín-Fernández, and S. Thió-Henestrosa). ENBIS 2017, University of Naples Federico II in Naples (Italy), September 9-14<sup>th</sup>, 2017.
179. “Bayesian Networks in Survey Data: Robustness and Sensitivity Issues” (with S. Salini and F. Cugnata). ENBIS 2017, University of Naples Federico II in Naples (Italy), September 9-14<sup>th</sup>, 2017.
180. “Analysis of Drivers of Football Match Outcomes with Data Mining: A Benchmarking Study of Italian and Israeli Statistics”, Workshop on Big Data Analytics in Sports. Brescia, Italy, November 17<sup>th</sup>, 2017.
181. “The relevance of Big Data and Data Science to Maintenance and Reliability”, Open University isENBIS and ISQ Conference, Raanana, Israel, February 7<sup>th</sup>, 2018.  
[https://www.publicators.com/app/dms.asp?ms\\_id=20157](https://www.publicators.com/app/dms.asp?ms_id=20157)
182. “Information Quality (InfoQ) and Advanced Manufacturing: A Journey through science and applied statistics”. Symposium on Digitalization and Big Data in Biotech & Pharma, ETH, Zurich, June 6<sup>th</sup>, 2018.
183. “Big data in monitoring and predictive maintenance of complex systems”. The Seventh Israeli PHM Conference, Herzelia Zurich, June 28<sup>th</sup>, 2018.
184. “On information quality (InfoQ) and customer surveys”. ISBIS 2018 Meeting on Statistics in Business and Industry, Piraeus, July 5-6<sup>th</sup>, 2018.
185. “Systems Engineering, Data Analytics, and System Thinking: Moving Ahead to New and More Complex Challenges” (with R. Swarz and A. Zonneshain). INCOSE 2018, Washington DC, USA, July 9-14<sup>th</sup>, 2018.
186. “The Real Work of Data Science: How to turn data into information, better decisions, and stronger organizations” ENBIS 2018, Ecoles des Mines, Nancy, September 2-6<sup>th</sup>, 2018.
187. “Applications and theoretical results of association rules and compositional data analysis: a contingency table perspective” (with J.-A. Martín-Fernández, , S. Thió-Henestrosa and M. Vives-Mestres). ASMOD 2018, Proceedings of the International Conference on Advances in Statistical Modelling of Ordinal Data, Naples, 24-26 October 2018.
188. “Data Readiness as a vehicle to reduce Data Downtime and foster best practice in data science” (with V. Schneider, H. Uyeme, J. Vanschoren, M. Girolami, M. Hodkiewicz and N. Lawrence. ENBIS 2019, Eötvös Loránd University, Budapest, September 2-5<sup>th</sup>, 2019.
189. “Statistics, Systems Engineering, and Data Science: Moving Ahead to New and More Complex Challenges” (with R. Swarz and A. Zonneshain). ENBIS 2019, Eötvös Loránd University, Budapest, September 2-5<sup>th</sup>, 2019.

**Software implementations:**

- RLD, implemented in the *arules R Package*. June 11, 2008, Version 0.6-6, *Mining Association Rules and Frequent Itemsets* by M. Hahsler, C. Buchta, B. Gruen and K. Hornik.
- *mistat*, an R package providing all the data sets and statistical analysis of *Modern Industrial Statistics, with applications using R, MINITAB and JMP* by R.S. Kenett and S. Zacks with contributions by D. Amberti, John Wiley and Sons, 2013. <http://cran.r-project.org/web/packages/mistat/index.html>
- R package for robust and sensitivity analysis of Bayesian networks: <http://users.unimi.it/salini/RSBN/Rcodes.zip>

**Expert witness in Israeli courts:**

Expert witness in litigations over performance and characteristics of systems and services. Expert opinion in ecological, epidemiological and biostatistics issues. See, for example, IPI versus Haifa Municipality 30264/97. <http://www.ice.co.il/media/news/article/352620>

**Memberships in professional societies, awards and listings in professional publications:**

- George Box Medalist, European Network for Business and Industrial Statistics, 2018
- [Greenfield Medalist, Royal Statistical Society, 2013](#)
- President, Israel Statistical Association, 2011-2013
- Member of the Public Advisory Council for Statistics Israel, 2011-2013
- Member of the ASQ Brumbaugh Award Committee, 2007-2011
- President, the European Network for Business and Industrial Statistics, 2006-2007
- Fellow of the Royal Statistical Society
- Associate of the Royal College of Science
- Kaplan Prize, Israel Prime Minister Award for Excellence in Management, 1990
- Senior Member of the American Society for Quality Control
- Elected Member of the International Statistical Institute
- Listed in American Men and Women of Science
- Listed in Who's Who in Science and Engineering
- Listed in Baron's Who's Who in Banking and Finance

**News, interviews, lectures and television series:**

1. Interview with Dr J.M. Juran on the Occasion of the International Quality Conference in Jerusalem on 8 November 1994, *Quality and Reliability Engineering International*, Vol. 23, 651-652, 2007.
2. *Quality: Yesterday, Today and Tomorrow*, PBS & the International Institute for Learning, 10/1996
3. Aspects of statistical consulting not taught by academia, [KGCOE Distinguished Speaker](#), Rochester Institute of Technology, Rochester, New York, USA, October 5th 2006.
4. Panel discussion on *New Paradigms in Software Testing: Towards Solutions*, COMPSAC2009, <http://screencast.computer.org:8080/ess/echo/presentation/bbc7e441-215b-4915-840f-f95154421400/media.m4v>, 23/7/2009
5. Interview on Risk Management, *Quality Progress*, <http://media.asq.org/105422/web.mp3>, 9/2011.
6. Interview on Quality in Healthcare on Slovenian TV (starts at 34<sup>th</sup> minute), <http://tvsllo.si/predvajaj/studio-city/ava2.145911445/>, 17/9/2012.
7. *On Statistical Thinking and the future of Quality* (in Hebrew), Open University ISQ joint Meeting, [http://www.youtube.com/watch?v=WnW0IJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9QoKA2bIy8CC&index=2&feature=plpp\\_video](http://www.youtube.com/watch?v=WnW0IJZ6oKI&list=PLEMOEwdRMCamwePFyz0cE9QoKA2bIy8CC&index=2&feature=plpp_video), 2/12/2012.
8. *On the role of Industrial Statistics in Quality* (in Hebrew), Open University ISQ joint Meeting, [https://www.youtube.com/watch?v=gW6sn5VYcCU&list=PLEMOEwdRMCakCDdoGrova\\_6nwLEQzqBL2](https://www.youtube.com/watch?v=gW6sn5VYcCU&list=PLEMOEwdRMCakCDdoGrova_6nwLEQzqBL2), 21/3/2013.
9. *Panel on Industrial Statistics* (in Hebrew), Open University ISQ joint Meeting, Raanana, Israel, [https://www.youtube.com/watch?v=sJxWbbMnSdI&list=PLEMOEwdRMCakCDdoGrova\\_6nwLEQzqBL2&index=9](https://www.youtube.com/watch?v=sJxWbbMnSdI&list=PLEMOEwdRMCakCDdoGrova_6nwLEQzqBL2&index=9), 21/3/2013.
10. Interview about the RISCOSS project: <http://www.riscoss.eu/bin/view/Interviews/RonSKenett>
11. Interview in Statistics Views: <http://www.statisticsviews.com/details/feature/4812131/For-survival-statistics-as-a-profession-needs-to-provide-added-value-to-fellow-s.html>
12. Royal Statistical Society Journal Club, *On Information Quality*, <http://www.rss.org.uk/site/cms/contentEventViewEvent.asp?chapter=9&e=1543>, 13/6/2013

13. *Introduction to Web usability* (in Hebrew), Open University SII joint Meeting , 16/7/2013  
[www.sii.org.il/44-6215-he/SII.aspx?pos=1](http://www.sii.org.il/44-6215-he/SII.aspx?pos=1) <http://www.youtube.com/embed/cOnGn7wfsS8?rel=0>
14. *Statistically Speaking*, Weizmann Institute Alumni Newsletter, 23/7/2013  
[http://www.publishers.com/app/dbrowse.asp?id=556606157\\_31053741&action=](http://www.publishers.com/app/dbrowse.asp?id=556606157_31053741&action=)
15. ASQ Stat Division webinar: *DoE in Practice: A review of basic and computer experiments using hands on simulators*, 20/12/2013.  
[https://www.youtube.com/watch?v=Zh5Q0BrZzaE&list=UU4n17\\_hcCHS\\_EMrfZpCj3iQ](https://www.youtube.com/watch?v=Zh5Q0BrZzaE&list=UU4n17_hcCHS_EMrfZpCj3iQ)
16. *On Measurement, Standards, Information and Insights: The Linking Thread*, Open University  
<https://www.youtube.com/watch?v=KwLoIoD62ZA&index=17&list=PLEMOEwdRMCamZE3yLFB4OgBOyjRV4qyB>, 6/1/2014.
17. *New research suggests augmenting risk-management decision making with data — all kinds of data*. MIT Sloan Management Review, <http://newsle.com/article/0/124931460/> 19/2/2014
18. Article in *Statistics Views* on the ASMBI special issue:  
<http://www.statisticsviews.com/details/news/7508241/Free-special-issue-on-stochastic-modelling-in-business-and-industry.html>, 26/2/2015.
19. *Advanced experimental strategy for achieving robustness in complex systems*. Open University and Israel ENBIS Conference, Raanana, Israel.  
[https://www.youtube.com/watch?v=VWI9mWpgmw&index=3&list=PLEMOEwdRMCandNnl3MOu\\_MQeP\\_0mWqpuu](https://www.youtube.com/watch?v=VWI9mWpgmw&index=3&list=PLEMOEwdRMCandNnl3MOu_MQeP_0mWqpuu), 18/6/2015.
20. Reproducibility paper in *Nature Methods* mentioned in *Statistics Views*:  
<http://www.statisticsviews.com/details/news/8274061/Clarifying-terminology-that-describes-reproducibility.html>
21. Announcement of 2015 Greenfield challenge award:  
<http://www.statisticsviews.com/details/news/8283102/Statistics-Views-wins-Greenfield-Challenge.html>
22. *On Teaching Statistics in MOOC with Formative Assessment*, Open University Research Center for Innovation in Learning Technologies, Raanana, Israel.  
<https://www.youtube.com/watch?v=S1yCI63ZFO8&list=PLEMOEwdRMCaIMKaxRYSpXt7o3Uyf2MPS-&index=2>, 24/1/2016.
23. *Reliability, Maintainability, SPC and DoE: What happened in the last 30 years*. Open University and Israel ENBIS Conference, Raanana, Israel.  
<https://www.youtube.com/watch?v=N1Xk38zHQqg&list=PLEMOEwdRMCak3FQ27WIC00TsIZSgeSD0Q&index=2> 11/1/2017.
24. *From Quality by Design (QbD) to Information Quality (InfoQ): A Journey through science and business analytics, plenary talk at JMP Summit (starts at 5:20)*, Prague  
<https://community.jmp.com/t5/Discovery-Summit-Europe-2017/Plenary-Session-From-Quality-by-Design-to-Information-Quality-A/ta-p/37537> 23/3/2017.
25. *The Information Quality Framework for Evaluating Manufacturing 4.0 Analytics*, Data Science Center Eindhoven (DSC/e) Distinguished Lecture Series, TUE, Eindhoven, [event](#), [presentation](#), [pictures](#), 1/6/2017.
26. *Election surveys in the age of new media and data science*. Open University Conference on Public Policy and Politics in the age of Big Data and Likes, Raanana, Israel  
[https://www.youtube.com/watch?v=I76Swg\\_xLmc](https://www.youtube.com/watch?v=I76Swg_xLmc) 24/12/2017
27. *Information quality in the golden age of analytics*. JMP analytically speaking series [interview](#) and [blog post](#) 17/7/2018.
28. ASA SSI Blog (requires registration): <http://community.amstat.org/communities/community-home/digestviewer?communitykey=455d8623-185f-4e27-a33a-f2883ec8edbf&tab=digestviewer>
29. ISBIS Blog: <https://blogisbis.wordpress.com/2017/10/24/to-p-or-not-to-p-my-thoughts-on-the-asa-symposium-on-statistical-inference/>
30. *The Real Work of Data Science: How to turn data into information, better decisions, and stronger organizations*. 2018.Box Medal Presentation, Nancy, France. <https://videos.univ-lorraine.fr/index.php?act=view&id=6416> 6/9/18.
31. *Introduction to SPCLive* (in Hebrew), <https://vimeo.com/293305059> (pwd: 2004), [video](#)
32. *Introduction to SPCLive* (short), <https://vimeo.com/285180512>
33. *Introduction to SPCLive*,(full) <https://vimeo.com/285179878>
34. *ISBIS Blog* <https://blogisbis.wordpress.com/2018/11/20/videos-with-ron-kenett/>

**Editorial activities:**

- o *Applied Stochastic Models in Business and Industry*, associate editor and special issue editor
- o *Dynamic Relationships Management Journal*, member of the editorial board, <http://www.sam-d.si/Drmj-editors.aspx>
- o *Electronic Journal of Applied Statistical Analysis: Decision Support Systems and Services Evaluation*, member of the editorial board. [http://siba-ese.unisalento.it/index.php/ejasa\\_dss/](http://siba-ese.unisalento.it/index.php/ejasa_dss/)
- o *Journal of the Royal Statistical Society, Series A*, past associate editor
- o *QdS, Journal of Methodological and Applied Statistics*, member of the editorial board, <http://quadernidistatistica.archicoop.it>
- o *Quality Progress*, member of the first standing review board, past member of the editorial review board and editor of the World View column
- o *Quality Engineering*, member of the review board
- o *Quality Technology and Quantitative Management*, member of the advisory board, special issues editor and past editor in chief for Europe, <http://www.tandfonline.com/ttqm>
- o *Statistica Applicata*, Italian Journal of Applied Statistics, member of the advisory board and special issue editor. <http://sa-ijas.stat.unipd.it/editorial.html>
- o *StatsRef*, editor, <http://wileyactual.com/wileystatsref/#tab4>  
<http://onlinelibrary.wiley.com/book/10.1002/9781118445112/homepage/EditorsContributors.html>
- o *Statistics Views*, editorial coordinator of the review panel, [www.statisticsviews.com/view/index.html](http://www.statisticsviews.com/view/index.html)
- o *Transactions on Machine Learning and Data Mining*, associate editor, <http://www.ibai-publishing.org/journal/mldm/about.php>
- o *Statistics for Industry, Technology and Engineering (SITE)*, Springer, advisory board member, <http://www.springer.com/series/15677>
- o *Journal of Risk and Financial Management*, member of the review board.

**Reviewing activities:**

- o Academic Informing Science and Engineering (AISE), reviewer
- o Accreditation and Quality Assurance (ACQUAL), reviewer
- o Applied Mathematics, reviewer
- o Asian Journal of Economic Modelling, reviewer
- o Biotechnology Progress, reviewer
- o Colombian Journal of Statistics (CoJS), reviewer
- o Communications in Statistics, Theory and Methods, reviewer
- o Economic Research, reviewer
- o Engineering Applications of Artificial Intelligence, reviewer
- o Engineering Science and Technology, reviewer
- o European Journal of Industrial Engineering, reviewer
- o Evaluation Review, reviewer
- o Government Information Quarterly, reviewer
- o ICT in Education, Research, and Industrial Application (ICTERI), reviewer
- o IEEE Computer Systems and Applications (COMPSAC), reviewer and conference organizer
- o IET Software, reviewer
- o IIE Transactions, reviewer
- o Industrial and Engineering Chemistry Research, reviewer
- o International Journal of Business, Economics and Management (IJBEM), reviewer
- o International Journal of Entrepreneurship and Innovation Management (IJEIM), reviewer
- o International Journal of Information Technology and Decision Making, reviewer
- o International Journal of Six Sigma and Competitive Advantage, reviewer
- o International Statistical Review, reviewer
- o Journal of Applied Mathematics, reviewer
- o Journal of Applied Statistics, reviewer
- o Journal of Classification, reviewer
- o Journal of Information Security and Applications, reviewer
- o Journal of Immunology Research, reviewer
- o Journal of Quality Technology (JQT), reviewer and discussant
- o Journal of Statistical Planning and Inference, reviewer
- o Journal of the Royal Statistical Society (JRSS), Series C, reviewer and discussant
- o Journal of Transport Policy, reviewer
- o Journal of Zhejiang University-SCIENCE A, reviewer
- o Management and Production Engineering Review, <http://mper.org/mper>, reviewer



- o Management Science, reviewer
- o Measurement, reviewer
- o Methodology and Computing in Applied Probability, reviewer
- o Operations Research and Decisions, reviewer
- o Quality and Quantity, reviewer
- o Quality and Reliability Engineering International (QREI), reviewer, special issue editor
- o Quality Engineering, reviewer and discussant
- o Quality Technology and Quantitative Management, reviewer, special issue editor
- o Reliability Engineering and System Safety, reviewer
- o Risk Analysis, reviewer
- o Sensors, reviewer
- o Simulation Modeling, Practice and Theory, reviewer
- o Statistics in Biopharmaceutical Research, reviewer
- o Statistics Education Research Journal (SERJ)
- o Statistical Methods and Applications, reviewer
- o Sociological Methods and Research, reviewer
- o Software Quality Journal, reviewer
- o Sustainability, reviewer
- o Systems, reviewer
- o Systems Engineering, reviewer
- o Technological Forecasting and Social Change, reviewer
- o Technometrics, reviewer
- o The Service Industries Journal, reviewer
- o Transactions on Intelligent Systems and Technology, reviewer
- o Transactions on Internet Technology, reviewer

#### **Organization of Conferences (partial list)**

COMPSAC Conferences :

- <http://conferences.computer.org/compsac/2009/index.html>
- <http://compsac-2012.cs.iastate.edu/programcommittee.php?y=1>
- <http://compsac-2012.cs.iastate.edu/programcommittee.php?y=3>
- [http://compsac.cs.iastate.edu/2013\\_programcommittee.php](http://compsac.cs.iastate.edu/2013_programcommittee.php)
- <http://compsac.cs.iastate.edu/wrmocc.php>
- <http://compsac.cs.iastate.edu/iwsc2014.php>
- <https://www.computer.org/web/compsac2017>

ENBIS DEINDE SFdS ECAS Conferences :

- <http://web.econ.unito.it/deinde07/>
- <http://www.diegodecastro.it/eventi/deinde.pdf>
- [http://calvino.polito.it/enbis\\_deinde\\_2011/](http://calvino.polito.it/enbis_deinde_2011/)
- <http://springmeeting2014.sfds.asso.fr/>
- <http://torinoqcscs2.wordpress.com/scadenze/>
- [https://www.sfds.asso.fr/fr/activites/608-journees\\_detude\\_en\\_statistique/](https://www.sfds.asso.fr/fr/activites/608-journees_detude_en_statistique/)
- [https://enbis.org/activities/events/current/616\\_ENBIS\\_19\\_Pre\\_Conference\\_Event\\_\\_Joint\\_ECAS\\_ENBIS\\_1\\_Day\\_Summer\\_Course/](https://enbis.org/activities/events/current/616_ENBIS_19_Pre_Conference_Event__Joint_ECAS_ENBIS_1_Day_Summer_Course/)

Quality by Design in Pharma Conferences:

- <http://www.kpa-group.com/en/about-kpa/about-kpa-1/news-and-events/StemCellQbDIntegratedWorkshop152013.pdf>
- <https://medicine.ekmd.huji.ac.il/schools/pharmacy/En/home/news/Pages/QbD2014.aspx>
- <https://medicine.ekmd.huji.ac.il/schools/pharmacy/He/home/News/Pages/QbD.aspx>
- <https://medicine.ekmd.huji.ac.il/schools/pharmacy/En/home/news/Pages/QbD.aspx>

#### **Membership in conferences program committees (partial list)**

1. SWSTE2012 IEEE International Conference on Software – Science, Technology & Engineering
2. IWSC08 International Workshop on Software Cybernetics
3. SOSE 2010 5th IEEE International Symposium on Service-Oriented System Engineering
4. SoEA4EE'2011 Third Int Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.

5. ICTERI 2012 ICT in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer
6. SoEA4EE'2012 Fourth Int Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
7. SoEA4EE'2013 Fifth Intl Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
8. KMO2013 The 2013 International Conference on Knowledge Management in Organizations
9. OSS2014 10th International Conference on Open Source Systems
10. SoEA4EE'2014 The 6th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
11. CoBI 2014 International Workshop on Capability-oriented Business Informatics
12. asd14 Analyzing Software Data
13. COMPSAC 2014 38th Annual International Computers, Software & Applications Conference
14. PoEM 2014 7th IFIP WG 8.1 Working Conference on the Practice of Enterprise Modeling
15. SCECR 2014 Statistical Challenges in eCommerce Research
16. RCIS 2015 IEEE Ninth International Conference on Research Challenges in Information Science
17. RISK2014 2nd International Workshop on Risk Assessment and Risk-driven Testing
18. IWSC 2015 12th International Workshop on Software Cybernetics
19. OSS2015 11th International Conference on Open Source Systems
20. RISK2015 3rd International Workshop on Risk Assessment and Risk-Driven Testing
21. SoEA4EE'2015 The 7th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
22. PoEM 2015 IFIP WG 8.1 working conference on the Practice of Enterprise Modelling
23. CoBI 2015 Second International Workshop on Capability-oriented Business Informatics
24. QS-CCS15 Quantifying Science
25. SMRLO 2016 The Second International Symposium on Stochastic Models in Reliability Engineering, Life Science and Operations Management
26. SoEA4EE'2016 The 8th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
27. AISTQ2016 Academia – Industry Software Quality & Testing
28. RISK2016 4th International Workshop on Risk Assessment and Risk-driven Quality Assurance
29. SoEA4EE'2017 The 9th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
30. IS 2018 INCOSE 2018
31. IS 2018 panel INCOSE International Symposium 2018 Panel Submission site
32. DMM2018 Data Mining in Marketing DMM 2018
33. SoEA4EE'2018 The 10th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.
34. COMPSAC2019 IEEE Comp Soc Signature Conference on Computers, Software and Applications
35. SoEA4EE'2019 The 11th Wkshp on Service oriented Enterprise Architecture for Enterprise Eng.

#### **Partnership in European Research Framework Programs**

- FP4: ISPIN - Israel ESPINODE (European Software Process Improvement Node. ESSI Project No. 27340) <http://www.kpa-group.com/en/our-customers/our-customers-1/israel-espinode>
- FP4: ELEKTRA (ELectrical Enterprise Knowledge for TRansforming Applications, ESPRIT Project No. 22927) <http://www.dsv.su.se/~danny/patternlibrary/links.html>
- FP5: TITOSIM (Time to market reduction via statistical information, Growth Project No. GRD1 – 2000 - 25724) <http://calvino.polito.it/titosim/>
- FP5: PRONACOM (A fundamental study of the Processing – structure – properties of Nanocomposites for industrial applications. Growth Project No. GRD1-2001-40359) [http://cordis.europa.eu/projects/rcn/61693\\_en.html](http://cordis.europa.eu/projects/rcn/61693_en.html)
- FP5: BEST (Better Enterprise SysTem implementation, IST Project No. IST-2001-35385) [http://cordis.europa.eu/projects/rcn/62868\\_en.html](http://cordis.europa.eu/projects/rcn/62868_en.html)
- FP5: Pro-ENBIS a thematic network precursor of ENBIS, the European Network for Business and Industrial Statistics. <http://www.enbis.org/>
- FP6: MUSING (MUlti-industry, Semantic-based next generation business INtelliGence. Project No. FP6-027097) [http://cordis.europa.eu/projects/rcn/79377\\_en.html](http://cordis.europa.eu/projects/rcn/79377_en.html)
- FP7: RISCOSS (Managing Risk and Costs in Open Source Software Adoption. Project No. FP7 318249) <http://www.riscoss.eu/>
- H2020: Member of the LEaDing Fellows Panel, <http://leadingfellows.eu/>